

Message

From: Dietrich, Gwen [Dietrich.Gwen@epa.gov]
Sent: 1/11/2018 1:45:28 PM
To: French, Roberts [french.roberts@epa.gov]; Zaremski, Sara [zaremski.sara@epa.gov]
CC: Pugliese, Holly [pugliese.holly@epa.gov]; Suarez, Patricia [suarez.patricia@epa.gov]; Sun, Lisa [Sun.Lisa@epa.gov]; France, Jennifer [france.jennifer@epa.gov]; Levin, David [Levin.David@epa.gov]; Alson, Jeff [alson.jeff@epa.gov]; Hula, Aaron [Hula.Aaron@epa.gov]; Bunker, Amy [Bunker.Amy@epa.gov]
Subject: RE: Final GHG report
Attachments: 420r18002.pdf

Sara,
Attached is the latest version that Rob had sent (v13), it has been prepared for posting on the Web:
EPA-420-R-18-002 - Greenhouse Gas Emission Standards for Light-Duty Vehicles - Manufacturer Performance Report for the 2016 Model Year
File is 2,586 and 110 pages.

Thank you, Amy!

Gwen Dietrich
Communications/Graphic Design Specialist
Senior Service America, Inc. (Grantee)
Supporting the Office of Transportation and Air Quality
U.S. Environmental Protection Agency
734-214-4639

From: French, Roberts
Sent: Wednesday, January 10, 2018 11:26 PM
To: Dietrich, Gwen <Dietrich.Gwen@epa.gov>
Cc: Pugliese, Holly <pugliese.holly@epa.gov>; Suarez, Patricia <suarez.patricia@epa.gov>; Sun, Lisa <Sun.Lisa@epa.gov>; France, Jennifer <france.jennifer@epa.gov>; Levin, David <Levin.David@epa.gov>; Zaremski, Sara <zaremski.sara@epa.gov>; Alson, Jeff <alson.jeff@epa.gov>; Hula, Aaron <Hula.Aaron@epa.gov>
Subject: RE: Final GHG report

Well folks, can we call this luck version #13?

[Ex. 4 CBI] pointed out a discrepancy in their values, and it turns out that I outsmarted myself. I had a tricky way of excluding the small volume companies [Ex. 4 CBI], but after following through all the equations and calculations and lookups it became apparent that my sneaky way of doing this also eliminated the accounting of credit transactions that those companies had with larger companies. [Ex. 4 CBI]
[Ex. 4 CBI]

The changes are small and don't impact anything except the transactions table and anywhere the credit values are shown for earlier model years and carry-forward credits to 2017. As a result of these changes, [Ex. 4 CBI] credit balance decreases by 265,000 Mg, and [Ex. 4 CBI] by about 6,500.

Here is an accounting of the specific changes:

- P. v, Table ES-1. [Ex. 4 CBI] values change, as does the total.
- P. 71, Table 4-1. [Ex. 4 CBI] values changed, and rows were added in the buyers column for [Ex. 4 CBI] and [Ex. 4 CBI] [Ex. 5 Deliberative Process (DP)] in the report.
- P. 73, Table 5-1. [Ex. 4 CBI] values in the Early Credits column changes, as did bottom line totals.

- P. 76, Table 5-2. **Ex. 4 CBI** values changed in the 2010 and 2011 model year columns, as did bottom line totals.

The total being carried forward by the industry changed from a bit over 262 million to about 261.8 million Mg. So not a big deal. But I would like to represent the balances for **Ex. 4 CBI** correctly, of course.

Sara, maybe you can text me and let me know that someone was available to make this happen, since I will be on the road all day tomorrow and back to working, albeit remotely, on Friday.

Thanks all for all that you do!

Rob

Roberts W. French, Jr.
U.S. Environmental Protection Agency
National Vehicle and Fuel Emissions Laboratory
2000 Traverwood Drive
Ann Arbor, Michigan 48105
(734) 214-4380

From: Dietrich, Gwen
Sent: Wednesday, January 10, 2018 10:10 AM
To: French, Roberts <french.roberts@epa.gov>
Cc: Pugliese, Holly <pugliese.holly@epa.gov>; Suarez, Patricia <suarez.patricia@epa.gov>; Sun, Lisa <Sun.Lisa@epa.gov>; France, Jennifer <france.jennifer@epa.gov>; Levin, David <Levin.David@epa.gov>
Subject: RE: Final GHG report

Rob, attached is the updated report.
EPA-420-R-18-002 - Greenhouse Gas Emission Standards for Light-Duty Vehicles - Manufacturer Performance Report for the 2016 Model Year
File is 2,584 and 110 pages.

Gwen Dietrich
Communications/Graphic Design Specialist
Senior Service America, Inc. (Grantee)
Supporting the Office of Transportation and Air Quality
U.S. Environmental Protection Agency
734-214-4639

From: French, Roberts
Sent: Wednesday, January 10, 2018 8:08 AM
To: Dietrich, Gwen <Dietrich.Gwen@epa.gov>
Cc: Pugliese, Holly <pugliese.holly@epa.gov>; Suarez, Patricia <suarez.patricia@epa.gov>; Sun, Lisa <Sun.Lisa@epa.gov>; France, Jennifer <france.jennifer@epa.gov>; Levin, David <Levin.David@epa.gov>
Subject: RE: Final GHG report

Gwen – I owe you big time, because I found one more thing to fix. I promise it will be good to go after this!

Again, not critical, but I removed the rows for **Ex. 4 CBI** in Table 4-1 (p. 71), because (1) those two manufacturers are excluded from this report, and (2) the rows were blank anyway. This affected only this table and this page.

Rob

Roberts W. French, Jr.
U.S. Environmental Protection Agency
National Vehicle and Fuel Emissions Laboratory
2000 Traverwood Drive
Ann Arbor, Michigan 48105
(734) 214-4380

From: Dietrich, Gwen
Sent: Tuesday, January 9, 2018 3:41 PM
To: French, Roberts <french.roberts@epa.gov>
Cc: Pugliese, Holly <pugliese.holly@epa.gov>; Suarez, Patricia <suarez.patricia@epa.gov>; Sun, Lisa <Sun.Lisa@epa.gov>; France, Jennifer <france.jennifer@epa.gov>; Levin, David <Levin.David@epa.gov>
Subject: RE: Final GHG report

Rob,
Attached is the latest report for posting on the Web:
EPA-420-R-18-002 - Greenhouse Gas Emission Standards for Light-Duty Vehicles - Manufacturer Performance Report for the 2016 Model Year
File is 2,585 and 110 pages.

Gwen Dietrich
Communications/Graphic Design Specialist
Senior Service America, Inc. (Grantee)
Supporting the Office of Transportation and Air Quality
U.S. Environmental Protection Agency
734-214-4639

From: French, Roberts
Sent: Tuesday, January 09, 2018 2:19 PM
To: Dietrich, Gwen <Dietrich.Gwen@epa.gov>
Cc: Pugliese, Holly <pugliese.holly@epa.gov>; Suarez, Patricia <suarez.patricia@epa.gov>; Sun, Lisa <Sun.Lisa@epa.gov>; France, Jennifer <france.jennifer@epa.gov>; Levin, David <Levin.David@epa.gov>
Subject: RE: Final GHG report

Gwen,

Here it is. The changes were limited to three tables in Appendix A, all on page 81.

Thanks!

Rob

Roberts W. French, Jr.
U.S. Environmental Protection Agency
National Vehicle and Fuel Emissions Laboratory
2000 Traverwood Drive
Ann Arbor, Michigan 48105
(734) 214-4380

From: Dietrich, Gwen
Sent: Tuesday, January 9, 2018 1:16 PM
To: French, Roberts <french.roberts@epa.gov>
Cc: Pugliese, Holly <pugliese.holly@epa.gov>; Suarez, Patricia <suarez.patricia@epa.gov>; Sun, Lisa <Sun.Lisa@epa.gov>; France, Jennifer <france.jennifer@epa.gov>; Levin, David <Levin.David@epa.gov>
Subject: RE: Final GHG report

Rob,
Send along and I will get it done.

Gwen Dietrich
Communications/Graphic Design Specialist
Senior Service America, Inc. (Grantee)
Supporting the Office of Transportation and Air Quality
U.S. Environmental Protection Agency
734-214-4639

From: French, Roberts
Sent: Tuesday, January 09, 2018 1:06 PM
To: Dietrich, Gwen <Dietrich.Gwen@epa.gov>
Cc: Pugliese, Holly <pugliese.holly@epa.gov>; Suarez, Patricia <suarez.patricia@epa.gov>; Sun, Lisa <Sun.Lisa@epa.gov>; France, Jennifer <france.jennifer@epa.gov>; Levin, David <Levin.David@epa.gov>
Subject: RE: Final GHG report

Gwen,

The report looks great. Unfortunately I found some errors in one of the Appendices. Not major, but worth fixing if we can. I'll send a new version later today.

Rob

Roberts W. French, Jr.
U.S. Environmental Protection Agency
National Vehicle and Fuel Emissions Laboratory
2000 Traverwood Drive
Ann Arbor, Michigan 48105
(734) 214-4380

From: Dietrich, Gwen
Sent: Thursday, January 4, 2018 3:45 PM
To: French, Roberts <french.roberts@epa.gov>
Cc: Pugliese, Holly <pugliese.holly@epa.gov>; Suarez, Patricia <suarez.patricia@epa.gov>; Sun, Lisa <Sun.Lisa@epa.gov>; France, Jennifer <france.jennifer@epa.gov>; Levin, David <Levin.David@epa.gov>
Subject: RE: Final GHG report

Rob,
I have prepared the report for posting on the Web (added cover, formatted, metadata and optimized):
EPA-420-R-18-002 - Greenhouse Gas Emission Standards for Light-Duty Vehicles - Manufacturer Performance Report for the 2016 Model Year
File is 2,584 and 110 pages.

Please review the report before posting. I looked over the report myself so that nothing odd happened in PDF conversion (tables/charts) or in Optimization. I didn't see anything, but you're the expert on this one.

By the way the changes that you made to the report were excellent improvements, easier readability. Good Job!

I will work on the data tables next.

Gwen Dietrich

Communications/Graphic Design Specialist
Senior Service America, Inc. (Grantee)
Supporting the Office of Transportation and Air Quality
U.S. Environmental Protection Agency
734-214-4639

From: Levin, David

Sent: Thursday, January 04, 2018 2:54 PM

To: French, Roberts <french.roberts@epa.gov>

Cc: Pugliese, Holly <pugliese.holly@epa.gov>; Suarez, Patricia <suarez.patricia@epa.gov>; Sun, Lisa <Sun.Lisa@epa.gov>; France, Jennifer <france.jennifer@epa.gov>; Dietrich, Gwen <Dietrich.Gwen@epa.gov>

Subject: RE: Final GHG report

Hi Rob,

As per your request, I have assigned a new 2018 OTAQ Publication Number to the document:

Greenhouse Gas Emission Standards for Light-Duty Vehicles: Manufacturer Performance Report for the 2016 Model Year

Publication number: **EPA-420-R-18-002**

Gwen will be formatting the document for you. Please let us know if you have any questions or concerns.

Thanks,

David

David Levin
Communications / Information Management Specialist
Senior Service America, Inc. (Grantee)
Supporting the Office of Transportation and Air Quality
Phone: 734-214-4353

From: French, Roberts

Sent: Wednesday, January 03, 2018 1:30 PM

To: Dietrich, Gwen <Dietrich.Gwen@epa.gov>

Cc: Pugliese, Holly <pugliese.holly@epa.gov>; Levin, David <Levin.David@epa.gov>; Suarez, Patricia <suarez.patricia@epa.gov>; Sun, Lisa <Sun.Lisa@epa.gov>; France, Jennifer <france.jennifer@epa.gov>

Subject: RE: Final GHG report

Also, I have created an Excel file with the data tables that I would like to post. After not doing this for a year or two, I have had several requests to bring it back. There is no content in this spreadsheet that is not in the report itself.

See below for where it should be located.

Following the model of the Trends Report, the title of this document should be:

- Report Tables for Greenhouse Gas Emission Standards for Light-Duty Vehicles: Manufacturer Performance Report for the 2016 Model Year (XLSX)

Thanks!

2016 Model Year Report

The 2016 model year report, available above, contains updated data for previous model years as well and supersedes all previous versions of the report. The 2016 model year report is available for reference only.

- [GHG Emission Standards for Light-Duty Vehicles: Manufacturer Performance Report for the 2016 Model Year \(PDF\)](#) (xx pgs, x MB, EPA-420-R-17-017, December 2017)

Excel file
link →

2015 Model Year Report

- [GHG Emission Standards for Light-Duty Vehicles: Manufacturer Performance Report for the 2015 Model Year \(PDF\)](#) (104 pgs, 1.29 MB, EPA-420-R-15-01A, November 2016)

↑ Top of Page

Contact Us to ask a question, provide feedback, or report a problem.

Roberts W. French, Jr.
U.S. Environmental Protection Agency
National Vehicle and Fuel Emissions Laboratory
2000 Traverwood Drive
Ann Arbor, Michigan 48105
(734) 214-4380

From: Dietrich, Gwen
Sent: Tuesday, December 5, 2017 11:02 AM
To: French, Roberts <french.roberts@epa.gov>
Cc: Pugliese, Holly <pugliese.holly@epa.gov>; Levin, David <Levin.David@epa.gov>; Suarez, Patricia <suarez.patricia@epa.gov>; Sun, Lisa <Sun.Lisa@epa.gov>; France, Jennifer <france.jennifer@epa.gov>
Subject: RE: Final GHG report

Rob,

1. The legibility of the numbers: Making the light blue bars – lighter may help. Although I find that the size of the numbers is the issue overall having been established by the size of the chart. So there isn't much of an option except for making the blue bars lighter. I printed the chart out and the background ink bleeds into all the numbers, just the nature of a regular office printer (unless we were going to press quality).
2. I agree. The dashed-dotted line doesn't work. Perhaps changing to a solid grey or medium blue.
3. 3., 4., and 5.: We always ask the owners of the document to make these type of changes, so they have ALL the changes in their final file that is sent to us.

If you would like me to come over and see what might work, I would be glad to, just call.

Gwen Dietrich
Communications/Graphic Design Specialist
Senior Service America, Inc. (Grantee)
Supporting the Office of Transportation and Air Quality
U.S. Environmental Protection Agency

From: French, Roberts

Sent: Tuesday, December 05, 2017 9:19 AM

To: Dietrich, Gwen <Dietrich.Gwen@epa.gov>; Levin, David <Levin.David@epa.gov>; Suarez, Patricia <suarez.patricia@epa.gov>; Sun, Lisa <Sun.Lisa@epa.gov>

Cc: Pugliese, Holly <pugliese.holly@epa.gov>

Subject: RE: Final GHG report

Thank you Gwen. I have five items I'd like to consider changing, so please direct me on the best way to do this. If we can tackle all five, then I think I will probably just need to get you a new file.

1. I'm worried about the numbers in the light blue bars printing legibly, or even being legible enough on-screen. Do you think this is an issue, and should I change the appearance of this chart (in the Executive Summary)?

Manufacturer Performance and Standards in the 2018 Model Year



Shown in order of decreasing standards

* FCA and Volkswagen are subjects of an ongoing investigation and/or corrective actions. These data are based on initial certification data provided to EPA, and are included in industry-wide "Foot" or "All" values. Should the investigation and corrective actions yield different CO₂ data, any relevant changes will be used in future reports.

2. I'm worried about the line dividing FCA and VW from the others appearing too much like a solid line. I want it to be noticeably different from the solid lines below it. What do you think? This would require a re-do of the whole document, I imagine, because many tables would be changed.



* FCA and Volkswagen are listed separately in this table due to an ongoing investigation and/or corrective actions. These data are based on initial certification data, and are included in industry-wide "Foot" or "All" values. Should the investigation and corrective actions yield different CO₂ data, any relevant changes will be used in future reports.

3. There's an error in Tables 3-5 and 3-6, where a label says "Car" but should say "All".

Ex. 5 Deliberative Process (DP)

TCA and ECA engines are listed separately in this table due to an ongoing investigation and/or corrective actions. These values are based on initial certification data, and are included in industry-wide "Tone" or "All" values. Should the investigation and corrective actions yield different SO₂ data, any relevant changes will be noted in future reports.

4. I need to fix one manufacturer name and populate some data in Table B-2.

Table B-2. Vehicle Category Market Share by Manufacturer and Model Year (%)

Ex. 5 Deliberative Process (DP)

5. While not critical, I would like to change all the tables in Appendix C to put zeros in the appropriate places in the tables. For example:

Table C-1. 2012 Compliance Values - Combined Passenger Car & Light Truck Fleet (g/mi)

Ex. 5 Deliberative Process (DP)

Thanks!

From: Dietrich, Gwen

Sent: Monday, December 4, 2017 2:06 PM

To: French, Roberts <french.roberts@epa.gov>; Levin, David <Levin.David@epa.gov>; Suarez, Patricia <suarez.patricia@epa.gov>; Sun, Lisa <Sun.Lisa@epa.gov>

Cc: Pugliese, Holly <pugliese.holly@epa.gov>

Subject: RE: Final GHG report

Rob,

I have prepared the report for posting on the Web (added cover, formatted, metadata and optimized):

EPA-420-R-17-009 - Greenhouse Gas Emission Standards for Light-Duty Vehicles - Manufacturer Performance Report

I did check through the report for PDF consistency in matching your Word version, I believe all is fine, but please check through yourself, since you probably have this memorized.
Thank you.

Gwen Dietrich

Communications/Graphic Design Specialist
Senior Service America, Inc. (Grantee)
Supporting the Office of Transportation and Air Quality
U.S. Environmental Protection Agency
734-214-4639

From: French, Roberts

Sent: Monday, December 04, 2017 11:31 AM

To: Levin, David <Levin.David@epa.gov>; Suarez, Patricia <suarez.patricia@epa.gov>; Sun, Lisa <Sun.Lisa@epa.gov>; Dietrich, Gwen <Dietrich.Gwen@epa.gov>

Cc: Pugliese, Holly <pugliese.holly@epa.gov>

Subject: FW: Final GHG report

Final report to add cover pages and prep for web.

From: French, Roberts

Sent: Monday, December 4, 2017 9:16 AM

To: Pugliese, Holly <pugliese.holly@epa.gov>

Cc: Zaremski, Sara <zaremski.sara@epa.gov>

Subject: Final GHG report

I've attached the GHG report, ready to be finalized and webified.

If I have time in the upcoming week or so, I will be preparing an Excel file with all the tables to go on the web as well. It would go under the 2016 report heading, as shown here:

2016 Model Year Report

The 2016 model year report, available above, contains updated data for previous model years as well and supersedes all previous versions of the report. The 2016 model year report is available for reference only.

Excel file
link



- [GHG Emission Standards for Light-Duty Vehicles: Manufacturer Performance Report for the 2016 Model Year \(PDF\)](#) (xx pp, x MB, EPA-420-R-17-017, December 2017)

2015 Model Year Report

- [GHG Emission Standards for Light-Duty Vehicles: Manufacturer Performance Report for the 2015 Model Year \(PDF\)](#) (104 pp, 1.29 MB, EPA-420-R-16-014, November 2016)

[↑ Top of Page](#)

[Contact Us](#) to ask a question, provide feedback, or report a problem.

Roberts W. French, Jr.
U.S. Environmental Protection Agency
National Vehicle and Fuel Emissions Laboratory
2000 Traverwood Drive
Ann Arbor, Michigan 48105
(734) 214-4380